

REPLY TO OFFICE ACTION DATED OCTOBER 5, 2004

SERIAL NO: 09/834,325
DOCKET NO: 199-0044US**CLAIM AMENDMENTS**

1. (Original) A video conferencing system comprising a main unit, the main unit including a device interface, a camera adapter, a docking station adapter, a processor, and a memory, the device interface including one or more ports, each of the one or more ports adapted to provide an output to a device or receive an input from a device; the processor and the memory configured to perform video conferencing functions; the camera adapter configured to removably receive a camera unit that provides audio and video signals to the main unit through the camera adapter, the processor of the main unit programmed to process the audio signals and in response to the audio signals to generate control signals to control at least one of the direction or zoom of the camera unit; and the docking station adapter configured to removably couple to a docking station that connects the main unit in a communicating relationship with a video conferencing network.
2. (Original) The system of claim 1 wherein the device interface provides a connection to one or more video conferencing peripherals.
3. (Original) The system of claim 1 further comprising a camera unit removably electrically and mechanically connected to the main unit and connected in a communicating relationship with the main unit through the camera adapter, the camera unit including a plurality of microphones that provide the audio signals to the main unit and a camera that provides the video signals to the main unit, the camera including at least one of a controllable direction or a controllable zoom responsive to the control signals generated by the main unit.

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4. (Original) The system of claim 1 further comprising a docking station, the docking station removably electrically and mechanically connected to the main unit and connected in a communicating relationship with the main unit through the docking station adapter, the docking station including a network port for connecting the docking station in a communicating relationship with a video conferencing network and circuitry for converting video conferencing network data between a first format compatible with the video conferencing network and a second format compatible with the docking station adapter.
5. (Original) The system of claim 1 wherein at least one of the docking station or the camera unit receive power from the main unit.
6. (Original) The system of claim 1 wherein the main unit further comprises a mass storage device that stores a program implementing one or more video conferencing protocols.
7. (Original) The system of claim 2 wherein the one or more video conferencing peripherals include at least one of a speaker, a microphone, a video monitor, a camera, or a projector.
8. (Original) The system of claim 1 wherein the video conferencing functions include coding and decoding audio data and coding and decoding video data.
9. (Original) The system of claim 1 wherein the video conferencing functions include providing a user interface to a user of the system.
10. (Original) The system of claim 3 wherein the plurality of microphones have predetermined locations relative to the camera, the processor of the main unit calculating a location of an audio source relative to the camera using the predetermined locations of the plurality of microphones and an audio signal received from each of the plurality of microphones, and the processor responsively generating control signals to the camera to steer the camera to the location of the audio source.

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11. (Original) The system of claim 3 wherein the controllable direction includes a controllable pan and a controllable tilt.
12. (Original) The system of claim 4 wherein the docking station includes at least one of a Peripheral Component Interface card, a Multi-Vendor Integrated Protocol card, or a Peripheral Component Interface/Multi-Vendor Integrated Protocol card.
13. (Original) The system of claim 4 wherein the network port includes at least one of a data network port or a telecommunications network port.
14. (Original) The system of claim 4 wherein the network port includes at least one of a Digital Subscriber Line port, an Integrated Services Digital Network port, a T1 line port, an E1 line port, a V.35 port, a Wireless Local Area Network port, or a Fiber Distributed Data Interface port.
15. (Original) The system of claim 1 further comprising one or more media processors that support processing of audio or video data in a video conference.
- 16-23. (Cancelled)
24. (Original) A video conferencing system comprising a main unit, the main unit including a device interface, a docking station adapter, a processor, and a memory,
the device interface including one or more ports, each of the one or more ports adapted to provide an output to a device or receive an input from a device;
the processor and the memory configured to perform video conferencing functions;
and
the docking station adapter configured to removably couple to a docking station that connects the main unit in a communicating relationship with a video conferencing network.
25. (Original) The system of claim 1 wherein one of the one or more ports is connected to a camera.

26. (Currently Amended) A modular video conferencing system comprising:
- a main unit comprising a docking station adapter configured to removably electrically and mechanically attach to a docking station, wherein the main unit further comprises a camera adapter configured to removably electrically and mechanically attach to a camera unit; [and]
 - a docking station configured to connect the main unit in a communicating relationship with a video conferencing network, the docking station comprising:
 - a first adapter configured to removably electrically and mechanically connect to the main unit; and
 - a second adapter configured to be connected in a communicating relationship with the video conferencing network[.]; and
 - a camera unit comprising:
 - a camera; and
 - an adapter that is removably electrically and mechanically attachable to the main unit.
27. (Previously presented) The modular video conferencing system of claim 26 wherein the first adapter includes a locking mechanism to prevent separation of the main unit from the docking station.
28. (Currently amended) The modular video conferencing system of claim 26 ~~further comprising:~~ wherein the camera unit further comprises
- ~~an adapter that is removably electrically and mechanically attachable to the main unit;~~
 - ~~a camera; and~~
 - ~~at least one microphone[.];~~
- ~~wherein the main unit further comprises a camera adapter configured to removably electrically and mechanically attach to a camera unit.~~
29. (Previously presented) The modular video conferencing system of claim 28 wherein one or more of the camera unit and the docking station receives power from the main unit.

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30. (Previously presented) The modular video conferencing system of claim 28 wherein:
the camera is responsive to control signals to change one or more of a pan, tilt, focus,
or zoom of the camera; and
the main unit provides control signals to the camera unit so as to point the camera
toward a desired location.
31. (Previously presented) The modular video conferencing system of claim 30 wherein:
the at least one microphone comprises a plurality of microphones having
predetermined locations relative to the camera;
the microphones provide audio signals to the main unit, whereby the main unit
determines a location of a sound source; and
the desired location is the location of the sound source.
32. (Previously presented) The modular video conferencing system of claim 28 wherein the
camera adapter further comprises a locking mechanism to prevent separation of the
camera unit from the main unit.
33. (Previously presented) The modular video conferencing system of claim 26 wherein the
main unit further comprises means for storing and executing video conferencing
functions.